

STATE AVERAGE COMPONENT DATA

<u>Conservation Practice Name and Code</u>	<u>Cost Per Unit</u>	<u>Unit</u>
<b>Access Road - 560</b>	22.00	ft.
Aerators		no.
Aggregate, Crushed Limestone, Installed (Heavy Use Area)		cu. yd.
<b>Agrichemical Containment Facility - 702</b>	\$19,355.00	no.
Agrichemical Containment Facility Building, Installed	\$7.75	sq. ft.
<b>Alley Cropping - 311</b>	\$645.00	ac.
Aquatic Plant Establishment		ac.
Backhoe, Hydraulic, Track Mounted, with Operator	\$70.00	hr.
Backhoe/Loader, Tractor-type, with Operator	\$65.00	hr.
Biological treatment - pest management		ac.
Broad-based Dip, Water Bar, Opentop box culvert corrugated metal pipe with rip-rap outlet	\$450.00	no.
Brush Layering		sq. yd.
<b>Brush Management - 314</b>	\$21.00	
Brush Mattress	ask Eng.	
Burning		acre
Center Pivot System, Nozzles, Fittings, etc., Installed		ac.
Chemical application for burndown		ac.
Chemical Weed Control		ac.
Clearing and Grubbing and Brush Removal	\$150.00	ac.
<b>Clearing and Snagging - 326</b>		ft.
<b>Closure of Waste Impoundments - 360</b>	\$1,000.00	no.
<b>Commercial Fish Ponds - 397</b>		ac.
<b>Composting Facility - 317</b>		no.
Concrete Block Chute, with Geotextile, Installed	\$3,800.00	lin. ft.
Concrete Blocks, 2 ft. x 2 ft. x 4 ft., Installed	\$3.00	ea.
Concrete, Non-Reinforced, 4-inch Thick over Compacted Sand, Flatwork, Installed	\$2.65	sq. yd.
Concrete, Non-Reinforced, 5-inch Thick, Flatwork, Installed	\$330.00	sq. yd.
Concrete, Non-Reinforced, Low Slump, 4-inch Thick, Flat or Slope, Installed		sq. yd.
	<b>Cost Per</b>	

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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Concrete, Non-Reinforced, Low Slump, 5-inch Thick, Flat or Slope, Installed		sq. yd.
Concrete, Reinforced, Cast In Place, Installed	\$168.00	cu. yd.
<b>Conservation Cover - 327</b>	\$190.00	ac.
Conservation Crop Rotation	\$7.00	ac.
<b>Conservation Crop Rotation - 328</b>		ac.
<b>Constructed Wetland - 656</b>		ac.
<b>Contour Buffer Strips - 332</b>		ac.
Contour Establishment		ac.
<b>Contour Farming - 330</b>	\$10.00	ac.
<b>Contour Orchard and Other Fruit Area - 330</b>		ac.
Control Structure, installed	\$970.00	no.
Cool Season Mixtures No-Till, spray, seed, fertilizer, planting and weed control	\$177.00	ac.
Cool Season Mixtures Tillage, seed, fertilizer, planting and weed control	\$162.00	ac.
Corn cobs, sawdust or gravel, installed		ac.
Corridor Establishment		ft.
<b>Cover Crop - 340</b>	\$21.00	ac.
<b>Critical Area Planting - 342</b>	\$1,439.00	ac.
<b>Cross Wind Stripcropping - 589B</b>	\$5.00	ac.
<b>Cross Wind Trap Strip - Field - 589C</b>	\$5.00	ac.
<b>Cross Wind Trap Strip - Filter - 589C</b>	\$55.00	ac.
Cultural Grazing	\$15.00	ac.
Cultural Grazing (temporary fence)	\$15.00	ac.
Cultural Grazing (temporary water)	\$0.15	ft.
Deep Plowing	\$15.00	ac.
<b>Deep Tillage - 324</b>	\$12.00	ac.
Deflectors		ft.
<b>Dike - 356</b>	\$500.00	ft.
Disking		ac.
<b>Diversion - 362</b>	\$6.25	ft.
Dozer, 105 HP, with Operator	\$100.00	hr.
	<b>Cost Per</b>	

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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Dozer, 200 HP, with Operator	\$120.00	hr.
Dozer, 75 HP, with Operator	\$75.00	hr.
<b>Drainage Water Management - 554</b>		ac.
<b>Dry Hydrant - 432</b>		no.
Dry Hydrant, with Head, Cap, and Strainer, incl. Fittings, Installed		ea.
Dump Truck, 12 Cu.Yd., with Operator		hr.
Dump Truck, 6 Cu.Yd., with Operator		hr.
<b>Early Successional Habitat Development/Management - 647</b>		ac.
Earthfill, Compacted, Off-site Material (3 mile haul)		cu. yd.
Earthfill, Compacted, On-site Material	\$6.00	cu. yd.
Earthmoving	\$3.40	cu. yd.
Earthmoving	\$90.00	hr.
Embankment	\$3.00	cu. yd.
Erosion Control Blanket, installed	\$1.50	sq. yd.
Excavation by hour	\$112.00	hr.
Excavation, Common	\$3.25	cu. yd.
Excavation, Rock	\$3.00	cu. yd.
Excavation, Wet	\$4.00	cu. yd.
Excelsior blankets, installed		ac.
Fachines		ft.
<b>Fence - 382</b>	\$2.32	ft.
Fencing, 3 strand barbed wire	\$0.80	ft.
Fencing, Electric, Single Strand, Smooth Wire, Installed	\$1.05	ft.
Fencing, Smooth 5-Wire, Installation	\$0.90	ft.
Fencing, Woven Wire, Installation	\$1.50	ft.
<b>Field Border - 386</b>	\$300.00	ft.
<b>Field Ditch - 607</b>		ft.
<b>Filter Strip - 393A</b>	\$345.00	ac.
<b>Filter Strip - Animal Waste Management - 780</b>	\$1,833.00	ac.
<b>Firebreak - 394</b>	\$175.00	ft.
	<b>Cost Per</b>	

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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Firebreak, Permanent Vegetative Seeding (grasses or forbes)	\$200.00	ac.
Fish - stocking		no.
<b>Fish Raceway or Tank - 398</b>		ft.
<b>Forage Harvest Management - 511</b>	\$4.00	ac.
<b>Forest Harvest Trails and Landings - 655</b>		ac.
<b>Forest Site Preparation - 490</b>	\$190.00	ac.
Forest Site Preparation, Machine-Chemical (includes equipment and labor)	\$250.00	ac.
Forest Site Preparation, Machine-Mechanical (includes equipment and labor)	\$100.00	ac.
Forest Site Preparation, Hand-Chemical (includes equipment and labor)	\$120.00	ac.
<b>Forest Stand Improvement - 666</b>	\$140.00	ac.
Geogrid (Earth Fill), Installed		sq. yd.
Geogrid (Rock Fill), Installed		sq. yd.
Geotextile or barrier material, installed	\$2.00	sq. yd.
Geotextile, Class I, Non-Woven, Installed	\$2.00	sq. yd.
Geotextile, Class I, Woven, Installed		sq. yd.
Geotextile, Class IV, Non-Woven, Installed (Road Stabilization)		sq. yd.
Geotextile, Class IV, Woven, Installed (Road Stabilization)		sq. yd.
<b>Grade Stabilization Structure - 410</b>	\$2,415.00	no.
Grading and shaping by cu. yd.	\$1.50	cu. yd.
Grading and Shaping by hour	\$120.00	hr.
Grading and Shaping, Diversion, Installed		lin. ft.
Grading and Shaping, Grassed Channelized Filter Strip (up to 40 feet wide), Installed		lin. ft.
Grading and Shaping, Grassed Waterway, Installed		lin. ft.
Grain Food Plots	\$75.00	ac.
<b>Grassed Waterway - 412</b>	\$3,019.00	ac.
Gravel, 22A or 23 A (Road Gravel), Installed	\$9.50	cu. yd.
Gravel, Bank Run, Installed	\$12.65	cu. yd.
Gravel, Drain Fill, Installed	\$21.00	cu. yd.
<b>Heavy Use Area Protection - 561</b>	\$9,500.00	acre
<b>Hedgerow Planting - 422</b>	\$9.00	ft.
	<b>Cost Per</b>	

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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Herbaceous cover cool season annual species, preparation, seed, fertilizer and planting		ac.
Herbaceous cover cool season, perennial preparation, seed, fertilizer and planting		ac.
Herbaceous cover warm season, annual, preparation, seed, fertilizer and planting		ac.
Herbaceous cover warm season, perennial, preparation, seed, fertilizer and planting		ac.
Herbaceous plants and hand planting		each
<b>Herbaceous Wind Barriers - 422A</b>		ac.
Herbaceous wind barrier, Annual cool season, site preparation, seed, fertilizer, planting		ac.
Herbaceous wind barrier, Annual warm season, site preparation, seed, fertilizer, planting		ac.
Herbaceous wind barrier, perennial warm season, site preparation, seed, fertilizer, planting		ac.
Herbaceous wind barrier, perennial cool season, site preparation, seed, fertilizer, planting		ac.
Herbicides and application (hand)	\$50.00	ac.
Herbicides and application (machine)		ac.
Herbicides, includes application	\$30.00	ac.
Hydroseed, fertilizer and mulch option		ac.
In Stream Rock Structures (Barbs, etc.)	ask Eng.	no.
In-Line Water Control Structure, 10-inch pipe, Installed		ea.
In-Line Water Control Structure, 12-inch pipe, Installed		ea.
In-Line Water Control Structure, 18-inch pipe, Installed		ea.
In-Line Water Control Structure, 24-inch pipe, Installed		ea.
In-Line Water Control Structure, 6-inch pipe, Installed		ea.
In-Line Water Control Structure, 8-inch pipe, Installed		ea.
Instream Woody Cover		sq. yd.
<b>Irrigation Pit or Regulating Reservoir - 552A</b>		no.
<b>Irrigation Pit or Regulating Reservoir - 552B</b>		no.
<b>Irrigation Storage Reservoir - 436</b>		no.
<b>Irrigation System, Microirrigation - 441</b>		no. & ac.
<b>Irrigation System, Sprinkler - 442</b>		no. & ac.
<b>Irrigation Water Conveyance Pipeline - High Pressure, Underground Plastic - 430DD</b>		ft.
<b>Irrigation Water Conveyance Pipeline - Low Pressure, Underground Plastic - 430EE</b>		ft.
<b>Irrigation Water Management - 449</b>	\$3.00	ac.
	<b>Cost Per</b>	

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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Jute matting, installed		ac.
<b>Land Reconstruction, Abandoned Mined Land - 543</b>		ac.
<b>Land Reconstruction, Currently Mined Land - 544</b>		ac.
<b>Land Smoothing - 466</b>	\$2,000.00	ac.
Layout of contour strips	\$5.00	ac.
Linear Channel Earthen		ft.
Linear Channel Concrete		ft.
Linear Move System, Nozzles, Fittings, etc., Installed		ac.
<b>Lined Waterway or Outlet - 468</b>	\$4.00	ft.
Live Cribwall	ask Eng.	
Live Facines	ask Eng.	no.
Live Staking	ask Eng.	no.
Lunker Structures		ft.
<b>Manure Transfer - 634</b>	\$10,000.00	no.
Mechanical Machine scalping (if not done during planting process)	\$45.00	ac.
Mechanical treatment - pest management	\$100.00	ac.
<b>Mine Shaft and Adit Closing - 457, Metal Fabrication, Installed</b>	ask Eng.	no.
Mobilization / Moving Fees	\$150.00	no.
Mowing	\$30.00	ac.
Mulch, installed (includes labor)	\$1.00	sq. ft.
<b>Mulching - 484</b>	\$275.00	ac.
Native grass drill delivery fee	\$50.00	no.
Native grass seeding includes fertilizer, seed, labor and equipment	\$300.00	ac.
Native prairie planting	\$300.00	ac.
Nesting Structures (platforms, boxes)		no.
No-Till, spray, seed, fertilizer, planting and weed control		ac.
<b>Nutrient Management - 590</b>	\$4.20	ac.
<b>Obstruction Removal - 500</b>	\$1,038.00	ac.
<b>Open Channel - 582</b>		ft.
<b>Pasture and Hayland Planting - 512</b>	\$167.00	ac.
	<b>Cost Per</b>	

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<b><u>Conservation Practice Name and Code</u></b>	<b><u>Unit</u></b>	<b><u>Unit</u></b>
Pasture and Hayland planting, Heavy soil disturbance, seedbed preparation, seed, seeding and herbicides including application	\$70.00	ac.
Pasture and Hayland Planting, Light soil disturbance, seedbed preparation, seed, seeding and herbicides including application	\$88.00	ac.
Pasture and Hayland Planting, Medium soil disturbance, seedbed preparation, seed, seeding and herbicides including application	\$75.00	ac.
<b>Pest Management - 595</b>	\$18.00	ac.
Pest protection for trees/shrubs, fabric weed barrier	\$0.70	no.
Pest protection for trees/shrubs, Organic Mulch	\$9.00	cu. yd.
Pest protection, tree protectors (tubes, plastic rodent protectors, plastic mesh, wire mesh) includes installation with wood or metal stakes	\$2.50	no.
Pipe Trenching, (w/Backhoe), Incl. Valves, Fittings, and All Other		lin. ft.
Pipe Trenching, (w/Trencher) Incl. Valves, Fittings and All Other		lin. ft.
Pipe, Corrugated Metal, 10-inch, Incl. Fittings, Installed	\$14.40	lin. ft.
Pipe, Corrugated Metal, 12-inch, Incl. Fittings, Installed	\$15.00	lin. ft.
Pipe, Corrugated Metal, 15-inch, Incl. Fittings, Installed	\$19.25	lin. ft.
Pipe, Corrugated Metal, 18-inch, Incl. Fittings, Installed	\$22.90	lin. ft.
Pipe, Corrugated Metal, 24-inch, Incl. Fittings, Installed	\$27.10	lin. ft.
Pipe, Corrugated Metal, 30-inch, Incl. Fittings, Installed		lin. ft.
Pipe, Corrugated Metal, 36-inch, Incl. Fittings, Installed		lin. ft.
Pipe, Corrugated Metal, 6-inch, Incl. Fittings, Installed	\$10.50	lin. ft.
Pipe, Corrugated Metal, 8-inch, Incl. Fittings, Installed	\$13.30	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 10-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 12-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 15-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 18-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 24-inch, Incl. Fittings, installed with backhoe	\$30.00	lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 30-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 36-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 4-inch, Incl. Fittings, installed with backhoe		lin. ft.
<b>Cost Per</b>		

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<b><u>Conservation Practice Name and Code</u></b>	<b><u>Unit</u></b>	<b><u>Unit</u></b>
Pipe, Corrugated Plastic (Dual Wall), 6-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic (Dual Wall), 8-inch, Incl. Fittings, installed with backhoe		lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 10-inch, Incl. Fittings, installed with backhoe	\$3.85	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 12-inch, Incl. Fittings, installed with backhoe	\$6.50	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 4-inch, Incl. Fittings, installed with backhoe	\$0.70	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 6-inch, Incl. Fittings, installed with backhoe	\$1.30	lin. ft.
Pipe, Corrugated Plastic Tubing (Single Wall, Perforated or non-Perforated), 8-inch, Incl. Fittings, installed with backhoe	\$1.80	lin. ft.
Pipe, PE, 1-1/2-inch, Incl. Fittings, Installed (water supply)		lin. ft.
Pipe, PE, 1-inch, Incl. Fittings, Installed (water supply)	\$0.30	lin. ft.
Pipe, PE, 2-1/2-inch, Incl. Fittings, Installed (water supply)		lin. ft.
Pipe, PE, 2-inch, Incl. Fittings, Installed (water supply)		lin. ft.
Pipe, PVC, SCH-40, 10-inch, Incl. Fittings, Installed	\$8.00	lin. ft.
Pipe, PVC, SCH-40, 4-inch, Incl. Fittings, Installed	\$2.50	lin. ft.
Pipe, PVC, SCH-40, 6-inch, Incl. Fittings, Installed	\$4.00	lin. ft.
Pipe, PVC, SCH-40, 8-inch, Incl. Fittings, Installed	\$6.05	lin. ft.
Pipe, Reinforced Concrete, 12-inch, Incl. Fittings, Installed		lin. ft.
Pipe, Reinforced Concrete, 18-inch, Incl. Fittings, Installed		lin. ft.
Pipe, Reinforced Concrete, 24-inch, Incl. Fittings, Installed		lin. ft.
Pipe, Reinforced Concrete, 30-inch, Incl. Fittings, Installed		lin. ft.
Pipe, Reinforced Concrete, 36-inch, Incl. Fittings, Installed		lin. ft.
<b>Pipeline - 516</b>	\$1.35	ft.
<b>Pond - 378</b>	\$5,535.00	no.
Pond Sealing and Lining, Bentonite, incl. Materials and Labor, Installed	\$2.97	sq. yd.
Pond Sealing and Lining, Earthfill, Clay Liner, Installed	\$12.00	cu. yd.
Pond Sealing and Lining, EPDM, incl. Materials and Labor, Installed		sq. yd.
	<b>Cost Per</b>	



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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Pond Sealing and Lining, HDPE, incl. Materials and Labor, Installed	\$4.95	sq. yd.
Pond Sealing and Lining, Soil Dispersant, incl. Materials and Labor, Installed		sq. yd.
<b>Pond Sealing or Lining - Bentonite Treatment - 521C</b>		no.
<b>Pond Sealing or Lining - Flexible Membrane - 521A</b>		no.
<b>Pond Sealing or Lining - Soil Dispersant - 521B</b>		no.
<b>Prescribed Burning - 338</b>		ac.
<b>Prescribed Grazing - 528A</b>	\$15.00	ac.
<b>Pumping Plant for Water Control - 533</b>		no.
Pumping Plant, incl. Materials and Labor, Installed		no.
Ram Pump, Livestock Water, Complete, Installed		no.
<b>Recreation Area Improvement - 562</b>	\$3,000.00	ac.
<b>Recreation Land Grading and Shaping - 566</b>	\$5,000.00	ac.
<b>Recreation Trail and Walkway - 568</b>		ft.
<b>Residue Management, Mulch Till - 329B</b>	\$7.00	ac.
<b>Residue Management, No-Till and Strip Till - 329A</b>	\$20.00	ac.
<b>Residue Management, Ridge Till - 329C</b>	\$6.50	ac.
<b>Residue Management, Seasonal - 344</b>	\$6.00	ac.
<b>Restoration and Management of Declining Habitats - 643</b>		ac.
<b>Riparian Forest Buffer - 391</b>	\$760.00	ac.
<b>Riparian Herbaceous Cover - 390</b>		ac.
Ripping		ac.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed		ea.
Riser, Corrugated Metal, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed		ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed		ea.
Riser, Corrugated Metal, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed		ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed		ea.
Riser, Corrugated Metal, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed		ea.
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed		ea.

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<u>Conservation Practice Name and Code</u>	<u>Unit</u>	<u>Unit</u>
Riser, Corrugated Plastic, 24-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed		ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed		ea.
Riser, Corrugated Plastic, 30-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed		ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 5-feet High, Installed		ea.
Riser, Corrugated Plastic, 36-inch Dia., with Stub, Antivortex and Trash Guard, 8-feet High, Installed		ea.
Rock Riprap, D-50 = 12 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 15 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 18 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 4 inch, with Geotextile, Installed	\$32.00	cu. yd.
Rock Riprap, D-50 = 6 inch, with Geotextile, Installed	\$32.00	ton
Rock Riprap, D-50 = 9 inch, with Geotextile, Installed	\$32.00	ton
Rodent Guard, 10-inch, Installed	\$32.00	ea.
Rodent Guard, 12-inch, Installed	\$30.00	ea.
Rodent Guard, 15-inch, Installed	\$30.00	ea.
Rodent Guard, 4-inch, Installed	\$30.00	ea.
Rodent Guard, 6-inch, Installed	\$30.00	ea.
Rodent Guard, 8-inch, Installed	\$30.00	ea.
Roof Gutters, with downspouts	\$2.00	lin. ft.
<b>Roof Runoff Management - 558</b>	\$500.00	no.
Root Wads	ask Eng.	no.
Row-Till		ac.
Scouting, traps, baits, etc., - pest management		ac.
<b>Sediment Basin - 350</b>	\$4,000.00	no.
Seed mix cool season		lb.
Seed mix warm season		lb.

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<b><u>Conservation Practice Name and Code</u></b>	<b><u>Cost Per Unit</u></b>	<b><u>Unit</u></b>
Seed, Mulch and Fertilizer (includes labor) forest site		ac.
Seedbed Preparation forest site	\$100.00	ac.
Seedbed preparation, fertilizer and seeding		ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer and Mulch, Installed	\$440.00	ac.
Seeding, Drill or Broadcast, with Seedbed Preparation, Fertilizer, Mulch and Netting, Installed	\$475.00	ac.
Seeding, Fertilizer and Mulch (includes all labor and equipment)	\$200.00	ac.
Seeding, Hydroseed, with Seedbed Preparation, Fertilizer and Mulch, Installed		ac.
Seeding, with Seedbed Preparation, Fertilizer, Mulch and Erosion Control Blanket, Installed		ac.
<b>Shallow Water Management for Wildlife - 646</b>	\$4,000.00	ac.
Site Preparation (Clearing and grubbing)	\$1,850.00	ac.
Site Preparation (Stripping and Stockpiling)	\$2.60	cu. yd.
Site Preparation for fence (Clearing and grubbing)	\$110.00	hr.
Site preparation for stream habitat improvement		ac.
Sodding		ac.
Soil test annually for vegetable, flower, ornamentals and shrubs, sampling, calibration of application equipment, recordkeeping		ac.
Soil test including pre side dress nitrogen test, composite sampling, manure testing, calibration of application equipment, recordkeeping; manure and fertilizer use		ac.
Soil test including pre side dress nitrogen test, grid sampling, manure testing, calibration of application equipment, recordkeeping; manure and fertilizer use		ac.
Soil test, composite sampling, calibration of application equipment, recordkeeping; fertilizer use only	\$20.00	ac.
Soil test, grid sampling, calibration of application equipment, recordkeeping; fertilizer use only		ac.
Solid Set System, Nozzles, Fittings, etc., Installed		ac.
Spoil Spreading		ac.
Spot or band spraying		ac.
<b>Spring Development - 574</b>	\$1,900.00	each
Spring Development, Complete System, Installed		ea.
Straw or hay mulch, installed		ac.
<b>Stream Channel Stabilization - 584</b>	\$10.20	ft.
<b>Stream Crossing and Livestock Access - 728</b>	\$47.80	ft.

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<u>Conservation Practice Name and Code</u>	<u>Cost Per Unit</u>	<u>Unit</u>
<b>Stream Habitat Improvement and Management - 395</b>		ac.
<b>Streambank and Shoreline Protection - 580</b>	\$87.50	ft.
Strip layout	\$5.00	ac.
<b>Stripcropping, Contour - 585</b>	\$7.50	ac.
<b>Stripcropping, Field - 586</b>	\$5.00	ac.
<b>Structure for Water Control - 587</b>	\$2,167.00	each
Structures (boxes, brush piles, etc.)		no.
Subsoiling		ac.
<b>Subsurface Drain - 606</b>	\$1.20	ft.
<b>Surface Drainage, Main or Lateral - 608</b>		ft.
Surface Inlet, Perforated, incl., Fittings, Installed		no.
Tank Raceway Concrete		gal.
Tank Raceway Fiberglass		gal.
Tank Raceway Metal		gal.
Thinning (cutting or chemically killing trees or vines) Hardwood-Crop Tree Release (min. 20 sq. ft. b.a. removed) Poles (trees 5-11" DBH)	\$1.32	sq. ft. of b.a. removed
Thinning (cutting or chemically killing trees or vines) Hardwood-Crop Tree Release (min. 20 sq. ft. b.a. removed) Saplings (trees under 5" DBH)	\$1.96	sq. ft. of b.a. removed
Thinning (cutting or chemically killing trees or vines) Hardwood-Crop Tree Release (min. 20 sq. ft. b.a. removed) Sawtimber size culls (trees over 11" DBH)	\$0.87	sq. ft. of b.a. removed
Tile Break	\$213.00	no.
Tillage	\$50.00	ac.
Timber Fabrication, Treated, Installed		bd. ft.
Timber harvesting		ac.
Tissue test for small fruit and tree crops, soil pH test, sampling, calibration of application equipment, recordkeeping		ac.
Topsoil, Salvaging and Spreading		ac.

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<u>Conservation Practice Name and Code</u>	<u>Cost Per Unit</u>	<u>Unit</u>
Topsoil, Salvaging and Spreading		cu. yd.
Tree Planting-Hand (includes scalping, equipment and labor)	\$0.16	no.
Tree Planting-Machine (includes scalping, equipment and labor)	\$0.14	no.
Tree Pruning - Trees 10 up to 18 ft. (includes labor and equipment)	\$1.00	per tree
Tree Pruning - Trees 18 ft. up to 26 ft. (includes labor and equipment)	\$1.25	per tree
Tree Pruning - Trees up to 10 ft. (includes labor and equipment)	\$0.85	per tree
Tree Revetments		ask Eng.
<b>Tree/Shrub Establishment - 612</b>	\$284.00	ac.
<b>Tree/Shrub Pruning - 660</b>		acre
Trees/Shrubs (see Alley Cropping) Bare root or Containerized Plugs		
Trees/Shrubs-conifer bare root or containerized plugs 2-0 to 3-0 stock	\$0.18	no.
Trees/Shrubs-deciduous	\$0.33	no.
Trough or Tank, Galv., 100 gal., with Gravel Pad, Installed	\$150.00	ea.
Trough or Tank, Galv., 200 gal., with Gravel Pad, Installed	\$500.00	ea.
Trough or Tank, Galv., 400 gal., with Gravel Pad, Installed	\$1,000.00	ea.
Trough or Tank, Poly., 100 gal., with Gravel Pad, Installed	\$200.00	ea.
Trough or Tank, Poly., 200 gal., with Gravel Pad, Installed	\$400.00	ea.
Trough or Tank, Poly., 400 gal., with Gravel Pad, Installed		ea.
<b>Underground Outlet - 620</b>		ft.
<b>Upland Wildlife Habitat Management - 645</b>	\$200.00	ac.
<b>Use Exclusion - 472</b>	\$1,895.00	ac.
Vegetated Geogrid	ask Eng.	
<b>Vegetative Barrier - 601</b>		ft.
Vegetative barrier, layout, site preparation, plant material plugs, hand planting and weed control		
Vegetative Control - Chemical		ac.
Vegetative Control - Manual		ac.
Vegetative Control - Mowing		ac.
Vegetative Establishment - Native prairie		ac.
Vegetative Establishment - Native shrub		no.
Vegetative Establishment - Native trees		no.

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<u>Conservation Practice Name and Code</u>	<b>Cost Per</b> <u>Unit</u>	<u>Unit</u>
Vine Removal in forest	\$0.35	each
Warm Season Mixtures No-Till, spray, seed, fertilizer, planting and weed control	\$400.00	ac.
Warm Season Mixtures Tillage, seed, fertilizer, planting and weed control	\$400.00	ac.
<b>Waste Storage Facility - 313</b>	\$55,800.00	each
<b>Waste Utilization - 633</b>	\$14.00	no. & ac.
<b>Water and Sediment Control Basin - 638</b>	\$2,170.00	each
<b>Water Well - 642</b>	\$1,000.00	No.
<b>Watering Facility - 614</b>	\$1,050.00	No.
Weed Control for trees - Herbicides and application (hand)	\$88.00	ac.
Weed Control for trees - Herbicides and application (machine)	\$60.00	ac.
Weed Control for trees - Mechanical machine scalping (if not done during planting)	\$45.00	ac.
Well Casing, 4-inch, Installed		lin. ft.
Well Casing, 6-inch, Installed		lin. ft.
<b>Well Decommissioning - 351</b>	\$390.00	no.
Well Decommissioning, Bedrock Well		ea.
Well Decommissioning, Dug Well		ea.
Well Decommissioning, Sand/Gravel Well		ea.
Well, Drilled, 4-inch, Installed	\$12.00	lin. ft.
Well, Drilled, 6-inch, Installed		lin. ft.
<b>Wetland Creation - 658</b>	\$800.00	ac.
<b>Wetland Enhancement - 659</b>	\$800.00	ac.
<b>Wetland Restoration - 657</b>	\$1,100.00	ac.
<b>Wetland Wildlife Habitat Management - 644</b>	\$3.00	ac.
Wheel Roll System, Nozzles, Fittings, etc., Installed		ac.
Wildflower Planting	\$500.00	ac.
<b>Windbreak/Shelterbelt Renovation - 650</b>	\$0.70	ft.
<b>Windbreak/Shelterbelt Establishment - 380</b>	\$2.25	ft.
Wood chips or bark, installed		ac.
Woody Plant Control		ac.
Zone Tillage or Para Plowing		ac.